

North American Technology Center
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Federal Lands Reuse Authority
of BUCKS COUNTY

Date: July 1, 1998

To: Tom Ames

From: Carolyn Wallis *CW*

Re: Draft Removal Site Evaluation Report - Area A Soils.

I have the following comments relative to the alternatives discussed for soil remediation in Sites 1, 2, and 3:

- Site 1 - Alternative 2, as described, appears to be the most acceptable alternative. This area may likely have buildings and facilities on it in the future which would require extensive soil disturbance.
- Site 2 - Two sites within Site 2 fall within the roadway anticipated to be the major roadway for shipping and deliveries and tenant access to the North American Technology Center. We anticipate that there will be numerous tractor trailers travelling across this road into the Center. Since this may require digging for foundation support of the road, it would be necessary to remove the subsurface contaminants that could be encountered; disturbed and potentially create new pathways to the groundwater as a result of new construction. On this basis, Alternative #2 would be most appropriate for these particular sites. Attached is a notation on Figure 2-2 which identifies these two particular sites.

In addition, the smaller of the two sites falls both within the roadbed and within an area of future development for the County morgue. While I do not have their architectural and site plans, as yet, we do know that there will not be a basement to the building, but that it will front on the present road.

- Site 3 - It is anticipated that a new road entrance to the North American Technology Center will be constructed to align with the current Gate 33, which provides access to the East Campus. The new road would proceed close to the present northern property boundary and would cross directly over all of the sites in Site #3 noted in Figure 2-3. Construction of a new road will involve excavation and foundation support. As per my comments on Site 2, it is anticipated that the road will need to support tractor trailer loads. On this basis, Alternative #2, which would involve excavation of the contaminated

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soils, would be an appropriate alternative. The construction will clearly exceed below the 2' of soil cover over the clay cap and most likely interfere with the subsurface cap. I have attached a mark-up of Figure 2-3 noting the areas recommended for soil removal and disposal.

I am happy to provide further details of the planned reuse of the property, as needed.

cc: Steve Rockwell
Dave Fennimore

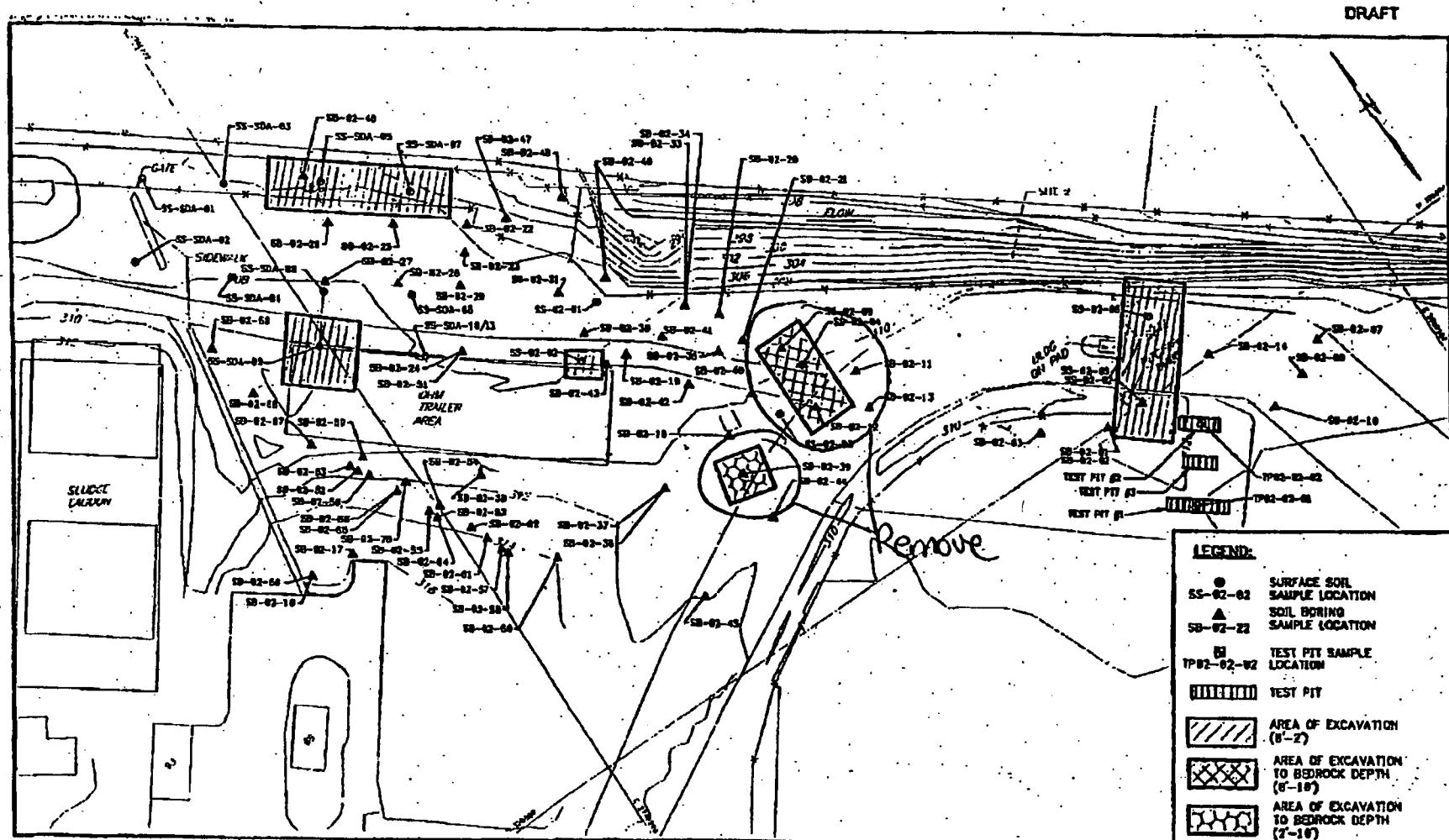
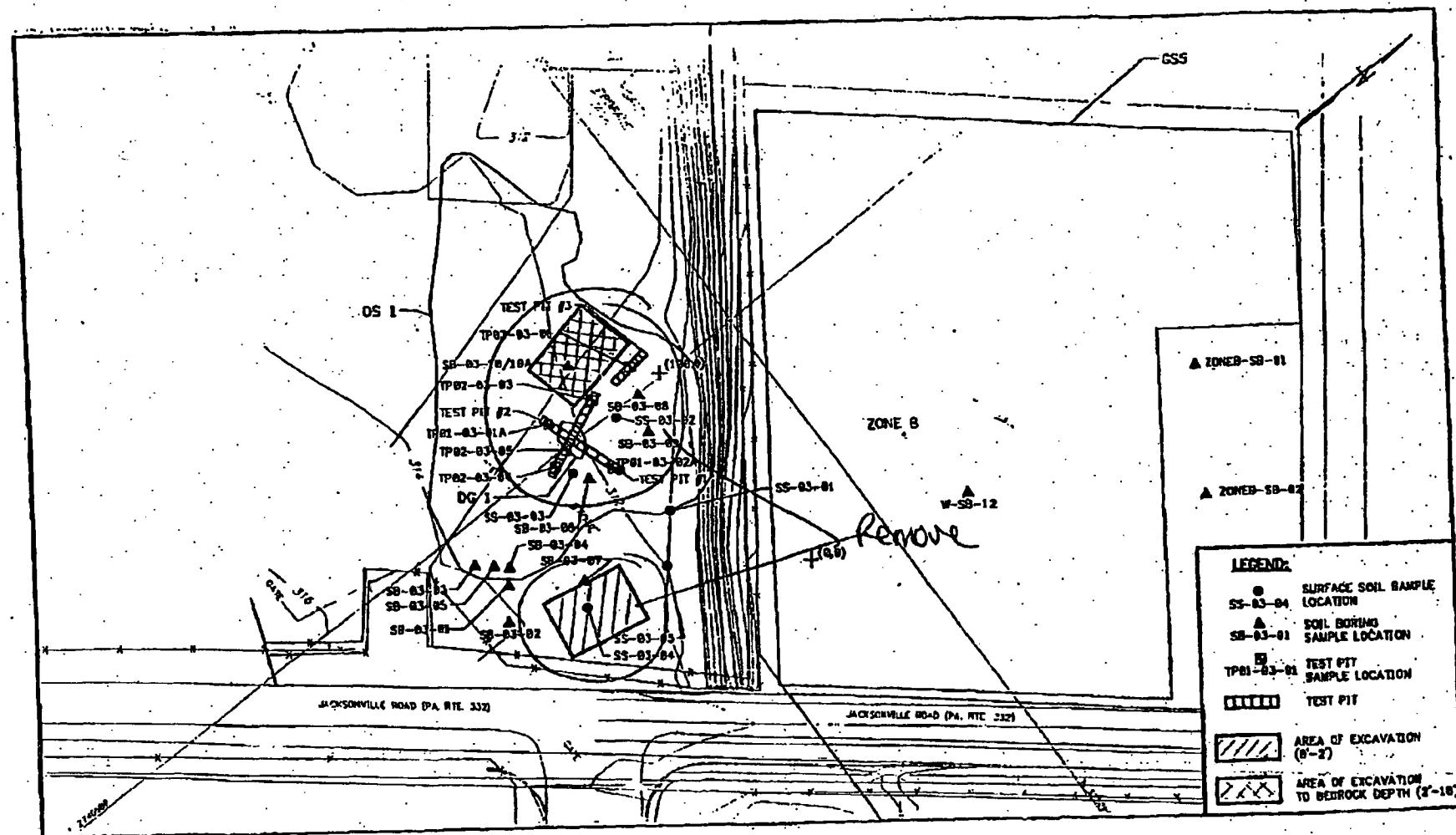


FIGURE 2-2

Brown & Root Environmental

CTD 0159



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